

CONDUIT AND CABLE SCHEDULE STAGE I

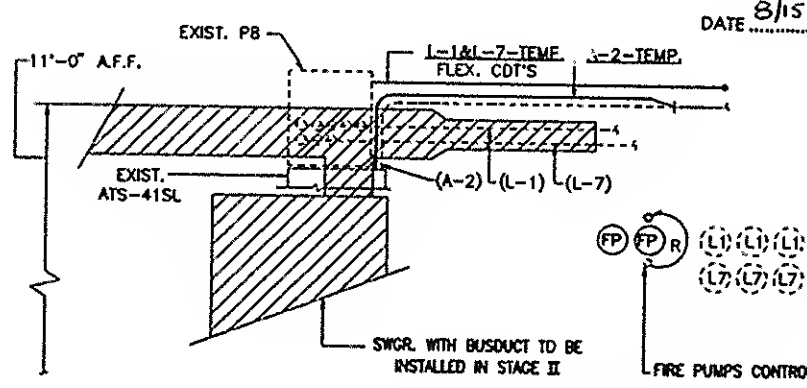
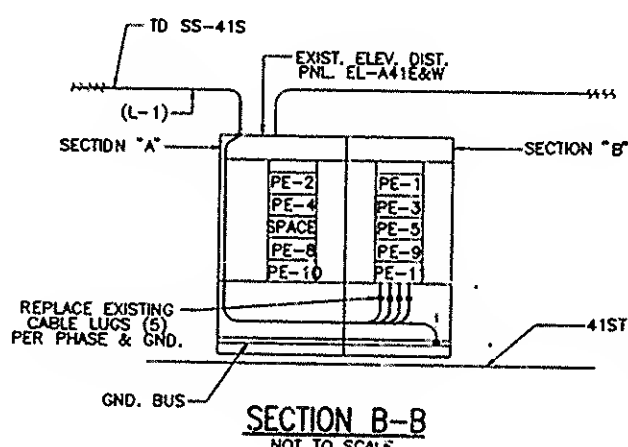
CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT NUMBER OF SETS	CONDUIT SIZE	CABLE (PER CDT.) OR BUSWAY NUMBER & SIZE	TYPE	REMARKS
R-9-TEMP	R-9	EXIST. SWGR. BUS "R"	PANEL #DP-41S	480V/277V	1	3 1/2"	4-500MCM 1 # 1/D	XHHW-2 GND.	
DP-41S-11	11	PANEL #DP-41S	COMB. STARTER	480V	1	3/4"	3 # 12 1 # 12	XHHW-2 GND.	
		COMB. STARTER	MOTOR E-41-21	480V	1	3/4"	3 # 12 1 # 12	XHHW-2 GND.	SEE NOTE #4
DP-41S-12	12	PANEL #DP-41S	STARTER CABINET	480V	1	3/4"	3 # 12 1 # 12	XHHW-2 GND.	
		STARTER CABINET	MOTOR ACS-41S	480V	1	3/4"	3 # 12 1 # 12	XHHW-2 GND.	SEE ONE LINE DIAGRAM ON THIS DWG. AND DWG. #E-24 FOR PLAN
DP-41S-8	8	PANEL #DP-41S	COMB. STARTER	480V	1	3/4"	3 # 12 1 # 12	XHHW-2 GND.	
		COMB. STARTER	MOTOR FP-41-1-2	480V	1	3/4"	3 # 12 1 # 12	XHHW-2 GND.	
DP-41S-14	14	PANEL #DP-41S	STARTER CABINET	480V	1	2"	3 # 4/D 1 # 2	XHHW-2 GND.	
		STARTER CABINET	MOTOR ACS-41-3	480V	1	2"	3 # 4/D 1 # 2	XHHW-2 GND.	
DP-41S-9	9	PANEL #DP-41S	TR-LV-41S	480V/277V	1	1"	3 # 6 1 # 1D	XHHW-2 GND.	
DP-41S-10	10	PANEL #DP-41S	PANEL #LP-41S (EXIST.)	480V	1	2"	4 # 3/D 1 # 4	XHHW-2 GND.	
LV-41S		TR-LV-41S	PANEL #LV-41S	208/120V	1	1 1/2"	4 # 1	XHHW-2	
L-1	L-1	ATS-41SL	PB #2	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	USE FLEXIBLE CDT FOR TEMPORARY RUN
		PB #2	PANEL EL-A41E&W	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	SEE DIAGRAM "A" & SEQUENCE OF INSTALLATION
A-2-TEMP	A-2	ATS-41SL	PNL EPC-41A	480V	1	3"	3-350MCM 1 # 2/D	XHHW-2 GND.	USE FLEXIBLE CDT FOR TEMPORARY RUN ONE OF TWO EXISTING CDT'S. PER FEEDER.
L-7-TEMP	L-7	SWGR. "L"	MCC-MS41L	480V	3	3 1/2"	3-500MCM 1 # 4/D	XHHW-2 GND.	USE FLEXIBLE CDT FOR TEMPORARY RUN SEE DIAGRAM "B" & SEQUENCE OF INSTALLATION

SEQUENCE OF INSTALLATION - STAGE I

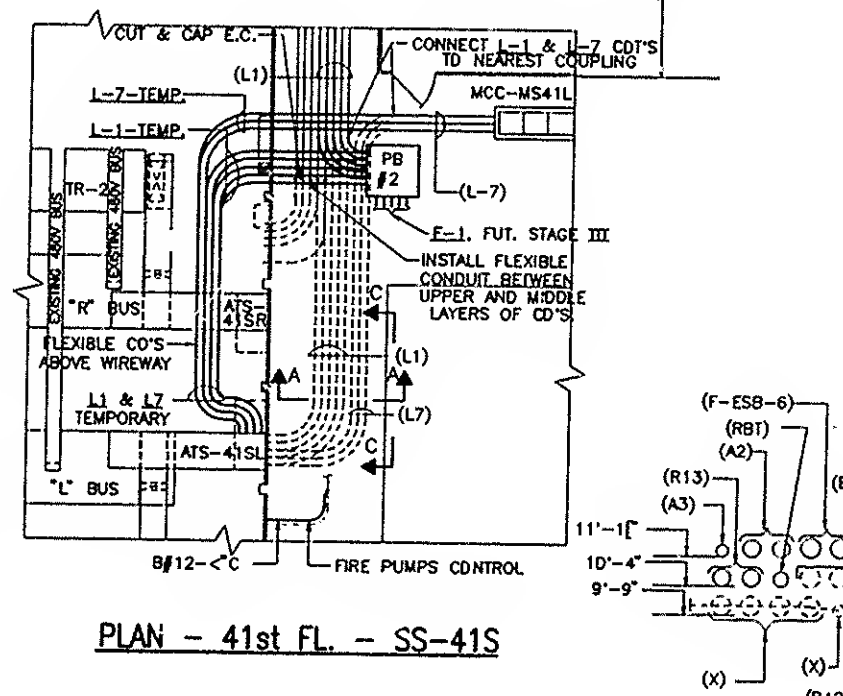
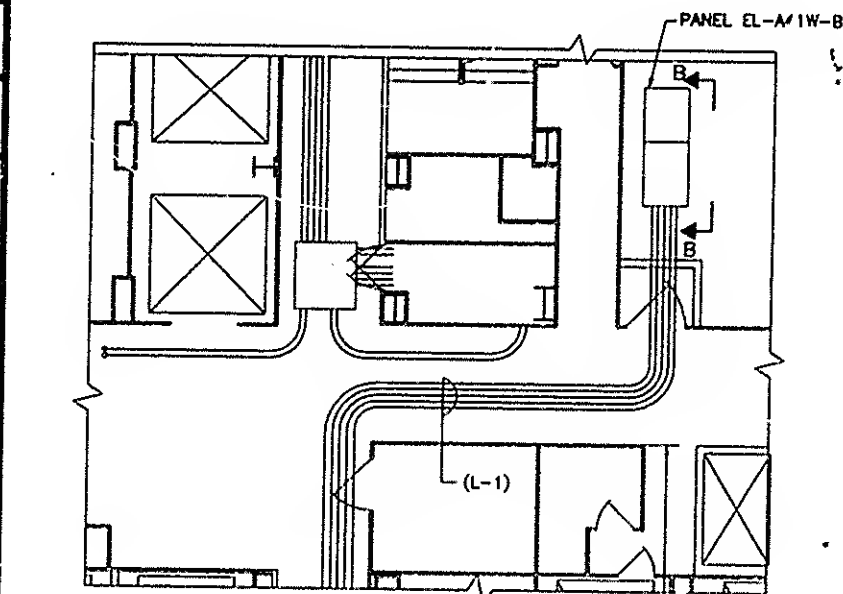
EDRS A-2, L-1 AND L-7 (SEE DIAGRAM "A" & "B")

- L-1 -- ELEVATOR PANEL EL-A41E&W**
- INSTALL P.B.#2 & FLEXIBLE CDT'S L-1-TEMPORARY.
 - DISCONNECT FDR AT ATS-41SL AND EL-A41E&W AND REMOVE. REPLACE EXIST. CABLE LUGS (5) PER PHASE & GND. IN EL-A41E&W.
 - CUT AND REMOVE CDT'S EXTEND EXIST. L-1 CDT TO PB#2
 - INSTALL FDR L-1 FROM PANEL EL-A41E&W TO PB#2 AND FROM ATS-41SL TO PB#2.
 - SPLICE FDR IN P.B.#2 AND CONNECT AT ATS AND PANEL EL-A41E&W. (ENERGIZE)
- L-7 -- MCC-MS41L**
- DISCONNECT FDR AT SWGR. "L" AND MCC-MS41L AND REMOVE.
 - CUT AND REMOVE CDT'S AS SHOWN.
 - INSTALL FLEXIBLE CDT'S AS SHOWN.
 - INSTALL FDR L-7-TEMPORARY FROM MCC TO SWGR.
 - CONNECT FDR. AT MCC AND SWGR. (ENERGIZE)
- A-2 -- ATS-41SL**
- DISCONNECT FDR AT ATS-41SL AND PNL EPC-41A AND REMOVE.
 - CUT AND REMOVE CDT'S AS SHOWN.
 - INSTALL FLEXIBLE CDT'S AS SHOWN.
 - INSTALL FDR A-2-TEMPORARY FROM ATS TO EPC-41A.
 - CONNECT FDR. AT ATS AND EPC-41A. (ENERGIZE)

** CATEGORY "A" OR "B" LOAD OUTAGE-SEE NOTE #5
** CATEGORY "C" LOAD OUTAGE-SEE NOTE #5



SECTION C-C
NOT TO SCALE

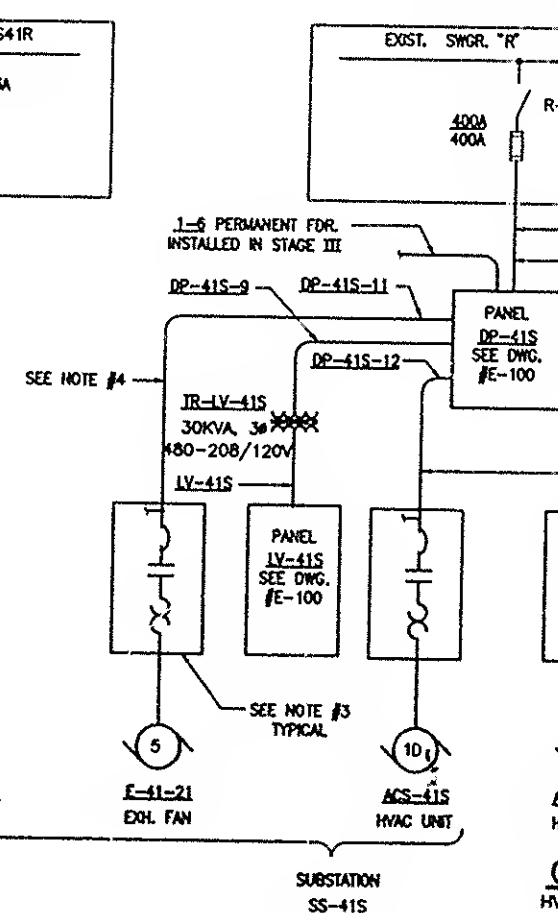


PLAN - 41st FL. - SS-41S

SECTION A-A
NOT TO SCALE

HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-802.071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 6/21/95 *Santhan A. Aslam* SPEC. WRITER
DATE 8/15/95 *Peter K. ...* ENGINEER OF DESIGN



SUBSTATION
SS-41S